

What is claimed is:

1. A method for treating an environment that may be or is known to be contaminated with an undesirable biological agent, the method comprising the acts of:
taking action to identify the environment that may be or is known to be contaminated with the undesirable biological agent;
providing a treatment substance for the environment; and
applying said treatment substance to the environment, wherein said treatment substance is capable of providing a crystal that can penetrate the cell wall of the undesirable biological agent.
2. A method, as claimed in claim 1, wherein:
said treatment substance comprises a substance capable of providing a nano-crystal.
3. A method, as claimed in claim 1, wherein:
said treatment substance comprises a silicate.
4. A method, as claimed in claim 1, wherein:
said treatment substance comprises a soluble silicate.
5. A method, as claimed in claim 1, wherein:
said treatment substance comprises sodium metasilicate.
6. A method, as claimed in claim 1, wherein:
said treatment substance comprises a soap.
7. A method, as claimed in claim 1, wherein:
said treatment substance comprises a sodium compound.
8. A method, as claimed in claim 1, wherein:
said treatment substance comprises a sodium surfactant salt.

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9. A method, as claimed in claim 1, wherein:
said treatment substance comprises a slurry.
10. A method, as claimed in claim 9, wherein:
said step of applying comprises spraying said slurry onto said environment.
11. A method, as claimed in claim 9, wherein:
said step of applying comprises atomizing said slurry.
12. A method, as claimed in claim 9, wherein:
said step of applying comprises dipping said environment in a container of said slurry.
13. A method for treating an environment that may be or is known to be contaminated with an undesirable biological agent, the method comprising the acts of:
taking action to identify the environment that may be or is known to be contaminated with the undesirable biological agent;
providing a soluble compound for use in treating the environment;
mixing said soluble compound with water to produce a slurry; and
applying said slurry to the environment, wherein said slurry is capable of providing a crystal that can penetrate the cell wall of the undesirable biological agent.
14. A method, as claimed in claim 13, wherein:
said act of applying occurring when said water in said slurry is at a temperature that is above the ambient temperature of the environment.
15. A method, as claimed in claim 13, wherein:
said act of taking occurs before said act of providing.
16. A method, as claimed in claim 13, wherein:
said act of taking occurs after said act of providing.

17. A method for treating an environment that may be or is known to be contaminated with an undesirable biological agent, the method comprising the acts of:

taking action to identify the environment that may be or is known to be contaminated with an undesirable biological agent;

providing a soluble compound for use in treating the environment, wherein said soluble compound is comprised of a silicate;

mixing said soluble compound with water to produce a slurry; and

applying said slurry to the environment, wherein said slurry is capable of providing a crystal that can penetrate the cell wall of the undesirable biological agent.

18. A method, as claimed in claim 17, wherein:
said silicate is comprised of a sodium metasilicate.

19. A method, as claimed in claim 17, wherein:
said silicate is comprised of disodium trioxosilicate pentahydrate.

20. A method, as claimed in claim 17, wherein:
said silicate is comprised of disodium trioxosilicate anhydrate.

21. A method, as claimed in claim 17, wherein:
said soluble compound is comprised of sodium sulfate.

22. A method, as claimed in claim 17, wherein:
said soluble compound is comprised of magnesium sulfate.

23. A method, as claimed in claim 17, wherein:
said soluble compound is comprised of sodium carbonate.

24. A method, as claimed in claim 17, wherein:
said soluble compound is comprised of:

(a) 5%-90% by weight sodium silicate;

(b) 5%-90% by weight sodium carbonate; and

(c) 0.01% to 20% by weight sodium sulfate.

25. A method, as claimed in claim 17, wherein:

said soluble compound is comprised of:

(a) 40%-75% by weight sodium silicate;

(b) 20%-40% by weight sodium carbonate; and

(c) 2% to 5% by weight sodium sulfate.

26. A method, as claimed in claim 17, further comprising:

using an acid to reduce the pH of said slurry.